

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Serial No. 08/487,411

CITATION FORM

Applicant(s) John C. Harvey and James W. Cuddihy

Filing Date 7-Jun-95

Group Art Unit 2602

UNITED STATES PATENT DOCUMENTS

EXAMINER	PATENT	PATENT		CLASS/	FILING
INITIAL	NUMBER 27,810	DATE November 20, 1973	NAME Buehrle	SUBCLASS 325/321	DATE*
	33,189	September 3, 1861		323/321	
			Dougal Labin	178/44	
	2,418,127	April 1, 1947			
	2,563,448	August 7, 1951	Aram	178/5.1	
	2,731,197	January 17, 1956	Parker et al.	235/60	
	3,071,649	January 1, 1963	Goodall	179/1.5	
	3,107,274	October 15, 1963	Roschke	178/5.1	
	3,133,986	May 19, 1964	Morris et al.	178/5.1	
	3,251,051	May 10, 1966	Harries	340/345	7
	3,470,309	September 30, 1969	Nyberg	178/5.1	5 5 7
	3,478,166	November 11, 1969	Reiter et al.	178/5.1	C
	3,526,843	September 1, 1970	Sanville	329/104	
	3,546,684	December 8, 1970	Maxwell et al.	340/172.5	
	3,639,686	February 1, 1972	Walker et al.	178/5.8R	ن و، ر <u>.</u>
•	3,649,749	March 14, 1972	Gibson	178/5.6	.t.
	3,651,261	March 21, 1972	Guanella	178/22	91
	3,666,888	May 30, 1972	Sekimoto	178/69.5 TV	
	3,723,637	March 27, 1973	Fujio et al.	178/5.2R	
	3,746,799	July 17, 1973	Gentges	178/22	
	3,755,624	August 28, 1973	Sekimoto	178/69.5 TV	
	3,769,579	October 30, 1973	Harney	325/31	
	3,773,979	November 20, 1973	Kirk, Jr. et al.	179/15 FD	
	3,777,053	December 4, 1973	Wittig et al.	178/5.1	
	3,789,131	January 29, 1974	Harney	178/5.1	
	3,794,922	February 26, 1974	Osborn et al.	325/53	
	3,795,763	March 5, 1974	Golding et al.	178/5.6	
	3,813,482	May 28, 1974	Blonder	178/5.1	
	3,826,863	July 30, 1974	Johnson	178/5.1	
	3,859,596	January 7, 1975	Jennery et. al.	325/31	
	3,882,289	May 6, 1975	Walding et al.	200/11 D	
	3,885,089	May 20, 1975	Callais et al.	178/5.1	

	3,889,054	June 10, 1975	Nagel et al.	178/6.8
	3,894,177	July 8, 1975	Howell et al.	178/5.6
,	3,896,262	July 22, 1975	Hudspeth et al.	178/5.1
	3,896,266	July 22, 1975	Waterbury	179/1 SB
	3,916,091	October 28, 1975	Kirk, Jr. et al.	178/5.1
	3,924,059	December 2, 1975	Horowitz	178/5.1
	3,950,618	April 13, 1976	Bloisi	179/2 AS
	3,958,081	May 18, 1976	Ehrsam et al.	178/22
	3,975,585	August 17, 1976	Kirk, Jr. et al.	178/5.1
	3,990,012	November 2, 1976	Karnes	325/308
	3,996,586	December 7, 1976	Dillon et al.	340/347 DD
	4,004,085	January 18, 1977	Makino et al.	340/324
	4,008,369	February 15, 1977	Theurer et al.	358/84
	4,013,875	March 22, 1977	McGlynn	235/150.2
	4,015,286	March 29, 1977	Russell	358/13
	4,017,697	April 12, 1977	Larson	200/5 A
	4,019,201	April 19, 1977	Hartung et al.	358/124
	4,020,419	April 26, 1977	Caspari et al.	325/421
	4,024,574	May 17, 1977	Nieson	358/117
	4,024,575	May 7, 1977	Harney et al.	358/118
	4,027,267	May 31, 1977	Larsen	329/106
	4,027,331	May 31, 1977	Nicol	358/135
	4,042,958	August 16, 1977	Saylor et al.	358/141
	4,044,376	August 10, 1977 August 23, 1977	Porter	358/84
-	4,045,814	August 30, 1977	Hartung et al.	358/124
	4,045,814	October 18, 1977	Fletcher et al.	358/141
	4,064,490	December 20, 1977	Nagel	364/2000
	4,070,693	January 24, 1978	Shutterly	358/123
	4,075,660	February 21, 1978	Horowitz	358/124
	4,079,419	March 14, 1978	Seigle et al.	358/193
	4,081,754	Mach 28, 1978	Jackson	325/396
	4,081,734	March 28, 1978	Sherman	
	4,081,832	April 25, 1978	Bocchi	79/2 AM
		May 9, 1978	Suzuki et al.	325/396
	4,088,958	May 23, 1978	Nieson	358/117
	4,091,417	June 13, 1978	Sperber	358/120
	4,095,258		Pappas et al.	361/196
	4,096,542	June 20, 1978	Saylor et al.	358/141
	4,104,681	August 15, 1978	Percy et al.	358/84
	4,107,734	August 15, 1978		358/84
	4,107,735	August 15, 1978	Frobach	307/308
	4,112,317	September 5, 1978	Everswick	329/50
	4,112,383	September 5, 1978	Burgert	244/166
	4,114,841	September 19, 1978	Muhlfelder et al.	
	4,120,003	October 10, 1978	Mitchell et al.	358/142

	4,124,887	November 7, 1978	Johnson et al.	364/107
	4,126,762	November 21, 1978	Martin et al.	179/2A
	4,135,213	January 16, 1979	Wintfeld et al.	358/142
	4,142,156	February 27, 1979	Freund	325/309
	4,145,717	March 20, 1979	Guif et al.	358/121
	4,148,066	April 3, 1979	Saylor	358/127
	4,156,253	May 22, 1979	Steudel	358/11
	4,156,931	May 29, 1979	Adelman et al.	364/900
	4,163,252	July 31, 1979	Mistry et al.	358/118
	4,180,709	December 25, 1979	Cosgrove et al.	179/2 AM
	4,199,656	April 22, 1980	Saylor	178/66.1
	4,199,781	April 22, 1980	Doumit	358/83
	4,199,809	April 22, 1980	Pasahow et al.	364/200
	4,207,524	June 10, 1980	Purchase	375/22
	4,214,273	July 22, 1980	Brown	358/188
	4,215,366/ 31,735	November 13, 1984	Davidson	358/124
	4,216,497	August 5, 1980	Ishman et al.	358/84
	4,222,068	September 9, 1980	Thompson	358/120
	4,225,884	September 30, 1980	Block et al.	358/122
	4,245,246	January 13, 1981	Cheung	358/124
	4,246,611	January 20, 1981	Davies	358/194
	4,247,947	January 27, 1981	Miyamoto	455/38
	4,250,521	February 10, 1981	Wright	358/8
	4,258,386	March 24, 1981	Cheung	358/84
<u> </u>	4,266,243	May 5, 1981	Shutterly	358/121
	4,272,784	June 9, 1981	Saito et al.	358/127
	4,273,962	June 16, 1981	Wolfe	179/7.1R
	4,292,650	September 29, 1981	Hendrickson	358/123
	4,295,155	October 13, 1981	Jarger et al.	358/12
	4,301,542	November 17, 1981	Weintraub et al.	455/353
	4,305,101	December 8, 1991	Yarbrough et al.	360/69
	4,310,854	January 12, 1982	Baer et al.	358/143
	4,316,217	February 16, 1982	Rifken	358/86
	4,318,047	March 2, 1982	Dawson	328/112
	4,323,921	April 6, 1982	Guillou	358/114
	4,323,922	April 6, 1982	den Toonder et al.	358/117
	4,329,711	May 11, 1982	Cheung	358/114
	4,335,426	June 15, 1982	Maxwell et al.	364/200
	4,340,906	July 20, 1982	den Tooder et al.	358/124
	4,341,925	July 27, 1982	Frosch et al.	178/22.17
	4,343,042	August 3, 1982	Schrock et al.	455/5
	4,348,696	September 7, 1982	Bejer	358/188
	4,351,028	September 21, 1982	Peddie et al.	364/483
	4,354,201	October 12, 1982	Sechet et al.	358/122

4,355,415 4,358,672 4,360,881 4,361,848 4,361,851 4,361,903 4,365,267 4,378,470 4,382,256 4,385,384	October 19, 1982 November 9, 1982 November 23, 1982 November 30, 1982 November 30, 1982 November 30, 1982 December 21, 1982 March 29, 1983	Hyatt et al. Martinson Poignet et al. Asip et al. Ohta Tsuda	235/380 364/493 358/1 358/84 455/2	
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4,385,384	May 5, 1983	Nagata	340/825.44	
	May 24, 1983	Rosbury et al.	371/22	
1 4.386.436		Kocher et al.	455/151	
	June 14, 1983	Aminetzah	358/123	
	June 14, 1983	Ishman et al.	358/84	
		Bond et al.	358/1199	
		Keiser et al.	358/147	
		Ohyagi	340/825.44	
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	4,496,975	January 29, 1985	Noirel	358/147
	4,504,831	March 12, 1985	Jahr et al.	340/870.03
	4,506,387	March 9, 1985	Walter	455/612
	4,510,623	April 9, 1985	Bonneau et al.	455/181
_ 	4,510,523	July 9, 1985	Block et al.	358/122
	4,520,589	July 23, 1985	Wechselberger et al.	178/22.08
	4,531,021	July 23, 1985	Bluestein et al.	178/22.08
	4,540,849	September 10, 1985	Oliver	179/2 AM
	4,543,616	September 24, 1985	Brooks	358/335
	4,547,804	October 15, 1985	Greenberg	358/142
	4,554,584	November 19, 1985	Elam et al.	358/165
	4,558,464	December 10, 1985	O'Brien, Jr.	455/4
	4,563,702	January 7, 1986	Heller et al.	358/119
		January 21, 1986	Nickerson et al.	358/84
	4,566,030 4,570,930	February 18, 1986	Matheson	273/1 E
		March 25, 1986	Oliver et al.	179/2 AM
	4,578,536		Parker et al.	360/10.3
	4,578,718	March 25, 1986	Fascenda et al.	273/1 E
	4,592,546	June 3, 1986	Fascenda et al.	273/1 E
	4,592,546	June 3, 1986	Romao et al.	358/119
	4,594,609	July 10, 1986	Filliman	358/47
· · · · · · · · · · · · · · · · · · ·	4,595,952	June 17, 1986	Belisomi et al.	340/711
	4,600,918	July 15, 1986	Thomas	340/825.31
	4,600,921	July 15, 1986	Chard	358/147
	4,605,964	August 12, 1986	Brockhurst et al.	358/147
	4,611,227	September 9, 1986	Gilhousen et al.	358/122
	4,613,901	September 23, 1986	 	340/707
	4,621,259	November 4, 1986	Schepers et al.	358/120
	4,621,285	November 4, 1986	Schilling et al.	358/122
	4,623,920_	November 18, 1986	Dufresne et al.	358/21 R
	4,626,892	December 2, 1986	Nortrup et al.	
	4,633,297	December 30, 1996	Skerios et al.	358/22
	4,636,858	January 13, 1987	Hague et al.	358/147
	4,638,357	January 20, 1987	Heimbach	358/121
	4,639,779	January 27, 1987	Greenberg	358/142
	4,646,145	February 24, 1987	Percy et al.	358/84
	4,649,533	March 10, 1987	Chorley et al.	370/58
	4,658,290	April 14, 1987	McKenna	358/84
	4,677,685	June 30, 1987	Kurisu	455/4
	4,694,490	September 15, 1987	Harvey et al.	380/20
	4,704,725	November 3, 1987	Harvey et al.	380/48
	4,706,121	November 10, 1987	Young	358/142
	4,710,919	December 1, 1987	Oliver et al.	370/96
	4,710,955	December 1, 1987	Kauffman	380/10

	4,718,107	January 5, 1988	Hayes	455/4
	4,723,302	February 2, 1988	Fulmer et al.	455/2
	4,736,422	April 5, 1988	Mason	380/120
	4,744,080	May 10, 1988	Brennand et al.	280/21
	4,751,732	June 14, 1988	Kamitake	380/20
	4,754,326	June 28, 1988	Kram et al.	364/900
	4,768,144	August 30, 1988	Winter et al.	364/200
	4,768,229	August 30, 1988	Benjamin et al.	380/20
	4,782,401	November 1, 1988	Faerber et al.	358/335
	4,785,420	November 15, 1988	Little	364/513.5
	4,796,181	January 3, 1989	Wiedmer	364/406
	4,803,725	February 7, 1989	Horne et al.	380/44
	4,805,020	February 14, 1989	Greenberg	358/147
	4,807,031	February 21, 1989	Broughton et al.	358/142
	4,809,274	February 28, 1989	Walker et al.	371/37
	4,80 3,274 4,816,904	March 28, 1989	McKenna et al.	358/84
	4,810,304	June 6, 1989	Prohs et al.	379/224
	4,839,917	June 13, 1989	Oliver	379/45
	4,841,386	June 20, 1989	Schiering	360/69
	4,843,482	June 27, 1989	Hegendorfer	358/335
	4,849,817	July 18, 1989	Short	358/142
	4,849,817 4,855,842	August 8, 1989	Hayes et al.	358/342
	4,857,999	August 15, 1989	Welsh	358/84
	4,862,268	August 9, 1989	Campbell et al.	358/141
	4,862,208 4,864,615	September 5, 1989	Bennett et al.	380/21
	4,876,736	October 24, 1989	Kiewit	455/2
		November 7, 1989	Fukui et al.	360/69
	4,879,611	December 5, 1989	Sandbank	340/825.72
	4,885,579	December 5, 1989	Mabey et al.	358/84
	4,885,632	December 19, 1989	Bohn	358/84
	4,888,638	December 19, 1989	Olivo, Jr.	379/101
	4,888,796 4,890,320	December 26, 1989	Monslow et al.	380/10
		January 2, 1990	Noudan	358/142
	4,891,703		Foster et al.	379/94
	4,897,867	January 30, 1990	Prohs et al.	379/224
	4,907,260	March 6, 1990	Wiedemer	380/16
	4,907,273	March 6, 1990	Kinghorn	358/147
	4,908,707	March 13, 1990	Levine	358/335
	4,908,713	March 13, 1990	Wiedemer	380/5
	4,908,834	March 13, 1990	Little	379/51
	4,908,845	March 13, 1990	Allison, III et al	358/84
	4,912,552	March 27, 1990		358/191.1
	4,914,517	April 3, 1990	Duffield	380/5
	4,930,158	May 29, 1990	Vogel	358/142
L	4,931,871	June 5, 1990	Kramer	1 000/146

	4,931,877	June 5, 1990	Gebhardt et al.	358/335	
	4,935,870	June 19, 1990	Bork, Jr. et al.	364/200	
	4,939,773	July 3, 1990	Katz	379/204	
	4,943,963	July 24, 1990	Waechter et al.	370/94.1	
	4,945,412	July 31, 1990	Kramer	358/142	
	4,945,563	July 31, 1990	Horton et al.	380/5	
	4,947,302	August 7, 1990	Callahan	362/233	
	4,949,187	August 14, 1990	Cohen	358/335	
	4,954,899	September 4, 1990	Tanabe et al.	358/191.1	
	4,959,720	September 25, 1990	Duffield et al.	358/191.1	
	4,963,994	October 16, 1990	Levine	358/335	
·	4,963,995	October 16, 1990	Lang	358/335	
	4,965,825	October 23, 1990	Harvey et al.	380/9	
	4,967,273	October 30, 1990	Greenberg	358/142	
	4,975,951	December 9, 1990	Bennett	380/20	
	4,977,455	December 11, 1990	Young	358/142	
	4,982,430	January 1, 1991	Frezza et al.	380/50	
	4,989,104	January 29, 1991	Schulein et al.	360/72.1	
		February 5, 1991	Johnson et al.	358/141	
	4,991,011	February 5, 1991	Eigeldinger	358/310	
	4,991,025		Fechner et al.	368/47	
	4,993,003	February 12, 1991	Jenkins	380/16	
	4,993,066	February 12, 1991	Kuban et al.	358/86	
	4,994,908	February 19, 1991	Monslow et al.	380/10	
	4,995,078	February 19, 1991		358/86	
	5,001,554	March 19, 1991	Johnson et al.	434/322	
	5,002,491	March 26, 1991	Abrahamson et al.		
	5,003,384	March 26, 1991	Durden et al.	358/84 380/10	
	5,003,591	March 26, 1991	Kauffman et al.		
	5,010,459	April 23, 1991	Taylor et al.	362/85	-
	5,012,510	April 30, 1991	Schaubs et al.	379/92	
	5,013,038	May 7, 1991	Luxenberg et al.	273/439	
	5,014,125	May 7, 1991	Pocock et al.	358/86	
	5,016,272	May 14, 1991	Stubbs et al.	380/5	· ·
	5,016,273	May 14, 1991	Hoff	300/10	·
	5,027,400	June 25, 1991	Baji et al.	380/20	
	5,029,207	July 2, 1991	Gammie	380/10	
	5,038,211	August 6, 1991	Hallenbeck	358/142	
	5,045,816	September 3, 1991	Bramhall et al.	332/105	
	5,045,947	September 3, 1991	Beery	358/192.1	
	5,047,867	September 10, 1991	Strubbe et al.	358/335	
	5,047,928	September 10, 1991	Wiedemer	364/406	
	5,055,924	October 8, 1991	Skutta	358/84	·
	5,057,932	October 15, 1991	Lang	358/335	
	5,058,160	October 15, 1991	Banker et al.	380/20	

	5,062,136	October 29, 1991	Gattis et al.	380/18
	5,067,149	November 19, 1991	Schneid et al.	379/224
	5,072,418	December 10, 1991	Boutaud et al.	364/715.06
	5,075,771	December 24, 1991	Hashimoto	358/84
	5,083,800	January 12, 1992	Lockton	273/439
	5,093,718	March 3, 1992	Hoarty et al.	358/84
	5,093,921	March 3, 1992	Bevins Jr.	455/4
	5,101,267	March 31, 1992	Morales-Garza	358/84
	5,101,207	April 28, 1992	Berman et al.	273/439
	5,109,414	April 28, 1992	Fechner et al.	368/47
	5,111,401	May 5, 1992	Everett, Jr. et al.	364/424.02
	5,113,496	May 12, 1992	McCalley et al.	395/200
	5,120,076	June 9, 1992	Luxemberg et al	273/439
	5,124,942	June 23, 1992	Nielsen et al.	395/100
	5,132,992	July 21, 1992	Yurt et al.	375/122
	5,133,079	July 21, 1992	Ballantyne et al.	455/4.1
	5,140,419	August 18, 1992	Galumbeck et al.	358/142
		August 16, 1992	Ehlig et al.	395/650
	5,142,677 5,142,690	August 25, 1992	McMullan, Jr. et al.	455/6.1
		September 1, 1992	Esserman et al.	380/20
	5,144,664	September 15, 1992	Bocci et al.	380/48
	5,148,482	September 13, 1992	Young	358/194.1
	5,151,789	October 13, 1992	Beyers, II et al.	358/86
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	Petition to FCC dated 3/26/81 titled, "Petition for Rulemaking of Unighted Kingdom Teletext Industry Goup," also 1 page of handwritten notes from Walter Ciciora
	"Enhanced Computer Controlled Teletext for 525 Line Systems (Usecct) SAA 5245 User Manual" report by J.R. Kinghorn
	"Questions and Answers about Pay TV" by Ira Kamen
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	Derwent Info Ltd. search. Integrated broadcasting & Computer Processing system. Inventor J. Harvey/J Cuddihy
	Telefax from Arjen Hooiveld to Jones, Day, Reavis & Pogue Re: European Patent Appl. No. 88908836.5 and abstract plus related correspondence and Derwent search
	Advertisement in royal TV Society Journal (1972) for PYE TVT
	Letter to Dean Russell listing "reference papers", pp. 1-4
	Letter from George McKenzie to Dean Russell RE: PMM Corp., v. TWC Inc.
	Reisebericht (German memo)
	Blanpunk (German memo)
	"Relevant papers for Weather Channel V PMMC"
	Letter to Peter Hatt Re: BVT: Advisory UK Industry Contact Group
	Incomplete report on Antiope
	Memo FCC: Next Moves.
	Memo - Re: British Teletext ABC
,	Memo with FCC Report and Order Authorizing Teletext Transmission
	Manual
	Notes to Section 22.4: Simple Block Encipherment Algorithm
	Memos on Zenith and Teletext
	Memo to Bernie Kotten about National Cable TV Association meeting and efforst to encourage Sony to integrate teletext chip sets into its TV
	Memo's from Koteen & Naftalin
	Description of patents from Official Gazette
	Explanation of Collateral Estoppel
	BNA's Intellectual Property Library on CD's summary of Jamesbury Corporation v. United States
	BNA's Intellectual Property printouts of Lemelson v. Apple Computer, Inc.
	ITC Judge Order denying Motion for Summary Judgment in the Matter of Certain Memory Devices with Increased Capacitance and Products Containing Same, Investigation #337-TA-371
	Decision in court case Corbett v. Chisolm and Schrenk invovling patent #3,557,265
	Matthew Beaden Printouts regarding interference practice and the Board Interference
	BNA's Intellectual Property Library on CD printouts about Corbett v. Chisolm
	numerous Group W business cards including James Cuddihy

Examiner	
Initial	Author, Title, Date, Pertinent Pages, Etc.
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	The Broadcast Teloetext Specification, published by the BBC, The IBA and the British Radio Equipment Manufacturers' Association (1976)
	Kahn, et al., "Advances in Packet Radio Technology," Proceedings of the IEEE, Vol. 66, No. 11, Nov. (1978) pp. 1468-1495
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	Reexamination of U.S. Patent No. 4,706,121
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	List of relevant or searched patents
	88908836.5 and Amendments to John C. Harvey,. European Patent Office
	88908836.5 International Application to John C. Harvey
	Kruger, H.E., "Memory Television, the ZPS Digital Identification System," pp. 1-9.

EXAMINER /Anand Rao/ (09/30/2010)	DATE CONSIDERED 09/30/2010			
EXAMINER:Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).				